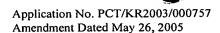
## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

- 1. (Original) A flame retardant coating composition, comprising 10-50 wt% of a water-soluble resin, an acryl based resin or a urethane based resin, 10-30 wt% of a flame retarding agent, 8-20 wt% of a flame retarding aid, 30-45 wt% of a diluting agent, and 0.1-0.5 wt% of an additive, based on the whole wt% of the coating composition.
- 2. (Original) The coating composition as defined in claim 1, wherein the water-soluble resin comprises at least one synthetic resin selected from the group consisting of alkyd resin, acrylic resin, urethane resin, epoxyester resin or mixtures thereof.
- (Original) The coating composition as defined in claim 1, wherein the acryl
  based resin comprises polyalkylmethacrylate, alkylmethacrylate-alkylacrylate copolymer or
  mixtures thereof.
- 4. The coating composition as defined in claim 1, wherein the urethane based resin comprises isocyanates, polyols or mixtures thereof.
- 5. (Original) The coating composition as defined in claim 1, wherein the flame retarding aid comprises antimony trioxide, antimony pentoxide, zinc borate, carbon black, boric acid, paraffin wax or mixtures thereof.
- 6. (Original) The coating composition as defined in claim 1, wherein the diluting agent comprises methylethylketone, toluene, isopropanol, ethylalcohol, methylalcohol or mixtures thereof.



- 7. (Currently Amended) A method of preparing a flame retardant product comprising the following steps of coating the flame retardant coating composition of any one of claims 1 to 6 on a substrate; and thermally treating the coated substrate at a temperature ranging from 80 to 150°C through heating and drying.
- 8. (Currently Amended) A substrate coated with the flame retardant coating composition of any one of claims 1 to 6.